US DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE FORM PTO-1390 ATTORNEY'S DOCKET NUMBER (REV. 01-2003) 124639 TRANSMITTAL LETTER TO THE UNITED STATES U.S. APPLICATION NO. (If known, see 37 CFR 1.5) DESIGNATED/ELECTED OFFICE (DO/EO/US) 10/541.514 CONCERNING A FILING UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/JP2004/000082 January 8, 2004 January 8, 2003 TITLE OF INVENTION HONEYCOMB STRUCTURE APPLICANTS FOR DO/EO/US Naoshi MASUKAWA; Shuichi ICHIKAWA Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 2. \boxtimes 3. \boxtimes This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. The US has been elected (Article 31). 5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a.

 is attached hereto (required only if not communicated by the International Bureau).
 b. has been communicated by the International Bureau. c. \square is not required, as the application was filed in the United States Receiving Office (RO/US). 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) a.
 is attached hereto. b. has been previously submitted under 35 U.S.C. 154(d)(4). The International Application was filed in English. 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. \square are attached hereto (required only if not communicated by the International Bureau). b. have been communicated by the International Bureau. c. have not been made; however, the time limit for making such amendments has NOT expired. d. have not been made and will not be made. 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. \Box An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. A preliminary amendment. 14. An Application Data Sheet under 37 CFR 1.76. 15. A substitute specification. 16. A power of attorney and/or change of address letter. 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. Response to Notification of Missing Requirements and Petition for Extension of Time

ſ	U.S. APPLICATION NO. (if known, 10/541,514	, see 37 C.F.R. 1.5)	INTERNATIONAL APPLICA PCT/JP2004/000082	TION NO.	ATTORNEY'S DOCKET NUMBER 124639		
ł	21. The following fees				CALCULATIONS PTO USE ONLY		
	21. <u>2</u> 11.0 10.001	3 4.0 045		07120023110110	110 002 01121		
	BASIC NATIONAL FEE (37 CFR 1.492(a)):				\$		
	SEARCH FEE (37 CFR 1.4	192(b)(1)-(3)):	\$				
	International preliminary ex the USPTO as IPEA or ISA industrial applicability for al national stage	A and favorable as to Il claims presented in	o, and ng the				
	International search fee (37	7 CFR 1.445(a)(2)) p					
	Intérnational search report the search fee is paid	provided to USPTO					
	Il situations not provided for above						
Ī	EXAMINATION FEE (37 C	FR 1.492(c)(1)-(2)):	\$				
	International preliminary ex the USPTO as IPEA or ISA industrial applicability for al national stage	A and favorable as to Il claims presented in					
	Surcharge of \$130.00 for fu	situations not provided for above					
	declaration after the date of TOTAL PAGES OF	f commencement of	the national stage (37	CFR 1.492(h)).			
	APPLICATION OVER 100 (- 100)	÷ 50	= †	x 250 =	\$		
L	tround up to next intege						
⊢	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$		
-	TOTAL CLAIMS	- 20 - 3	=	x 50.00 =	\$		
	INDEPENDENT CLAIMS MULTIPLE DEPENDENT C			x 200.00 =	\$	· · · · · · · · · · · · · · · · · · ·	
-	MOLTIPLE DEPENDENT C			+ 360.00 =	\$ \$130.00		
ŀ	☐ Applicant claims small	TOTAL OF ABOVE CALCULATIONS = Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are					
	reduced by ½ . SUBTOTAL =				\$		
Ļ					\$130.00 \$		
L	Processing fee of \$130.00 the earliest claimed priority	rocessing fee of \$130.00 for furnishing the English translation later than 30 months from e earliest claimed priority date (37 CFR 1.492(i)).					
-	Fee for recording the enclose	TOTAL NATIONAL FEE =			\$130.00 \$		
	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				Ф		
				ES ENCLOSED =	\$130.00		
)5/d4	/2006 MKAYPAGH 00000090 1	10541514			Amount to be		
	-1/17	130.00 OP			refunded:	\$	
-	:1617		*		charged:	\$	
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	d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. SEND ALL CORRESPONDENCE TO: OLIFF & BERRIDGE, PLC						
- 1							
	Customer Number	•		NAME: Video			
ŀ	Customer Number: 25944 NAME: Mames A. Oliff REGISTRATION NUMBER: 27,075					75	
ļ	Date <u>May 1, 2006</u>			NAME: Joel S REGISTRATIO	•	30	
					-,		

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Naoshi MASUKAWA et al.

Attn: Mail Stop PCT

Application No.: 10/541,514

Docket No.: 124639

Filed:

July 8, 2005

For:

HONEYCOMB STRUCTURE

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C 371 IN THE UNITED STATES DESIGNATED/ **ELECTED OFFICE (DO/EO/US) WITH DECLARATION**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C 371 in the United States Designated/Elected Office (DO/EO/US) (copy attached) mailed on February 14, 2006, submitted herewith is the executed Declaration of the inventors. Any specification attached to and referenced in the Declaration is a copy of the specification and any amendments thereto which were filed in the Office in order to obtain a filing date for the application.

Attached is our Check No. 179371 for \$\simes\$130.00 \$\subsetent{\$\subsetent{\$\subseteq}\$}\$\$\$\$5.00 (entitlement to small entity status is asserted) for the fee under 37 C.F.R. §1.492(h).

Entry of these documents should complete all of the filing formalities and fully satisfy all requirements of the Notification of Missing Requirements. Accordingly, prompt issuance of a Notification of Acceptance and Official Filing Receipt, and prompt examination and allowance of this application are respectfully solicited.

The Commissioner is hereby authorized to charge any additional fee (or credit any overpayment) associated with this communication to Deposit Account No. 15-0461. Two duplicate copies of this paper are attached.

Respectfully submitted,

s A. Oliff

Joel S. Armstrong Registration No.36,430

JAO:JSA/jdb

Date: May 1, 2006

OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, Virginia 22320 Telephone: (703) 836-6400

DEPOSIT ACCOUNT USE **AUTHORIZATION** Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461



25944

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

U.S. APPLICATION NUMBER NO.

FIRST NAMED APPLICANT

ATTY. DOCKET NO.

10/541,514

Naoshi Masukawa

124639

INTERNATIONAL APPLICATION NO.

PCT/JP04/00082

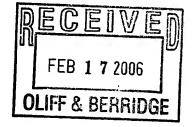
I.A. FILING DATE

PRIORITY DATE

01/08/2004

01/08/2003

OLIFF & BERRIDGE, PLC P.O. BOX 19928 ALEXANDRIA, VA 22320



CONFIRMATION NO. 2015
371 FORMALITIES LETTER

OC000000017993057

Date Mailed: 02/14/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

Copy of the International Application filed on 07/08/2005

DUE DATE

- English Translation of the IA filed on 07/08/2005
- Copy of the International Search Report filed on 07/08/2005
- Preliminary Amendments filed on 07/08/2005
- Information Disclosure Statements filed on 07/08/2005
- U.S. Basic National Fees filed on 07/08/2005
- Priority Documents filed on 07/08/2005

APR 1 4 2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath
 or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the
 missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

\$130 Surcharge.

DOCKETED

By By H on 2 17 2006

and

By TML on 2 17 2006

Oliff & Berridge

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

SHELBY J VIGIL

Telephone: (703) 308-9140 EXT 224

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.		
10/541,514	PCT/JP04/00082	124639		

FORM PCT/DO/EO/905 (371 Formalities Notice)